

## Attachment 5

### Laboratory reports for NPDES monitoring

### Laboratory Quality Control Reports



## LTS ENVIRONMENTAL, INC.

Beta Offshore  
111 W. Ocean Blvd., Suite 1240  
Long Beach, Ca 90802

February 14, 2017

**Attn: Diana Lang**

Quarterly NPDES chlorine residuals on the non-contact cooling water outlet were as follows:

Sample Date / Time	Location	Total Chlorine Residual (EPA Method 330.5)
		<u>End of Pipe</u>
January 27, 2017 @ 0930 hrs	Platform Eureka Non-Contact Cooling Water Outlet East Seawater Pump	0.18 mg/l
LTS Meter S/N: 12040E195572		Method Blank < 0.05 mg/l (MDL)
Technician: Cole Jenkins		

**S.G. Lawry**  
**Environmental Specialist / LTS**



## LTS ENVIRONMENTAL, INC.

October 24, 2016

### Quality Control

As part of the annual in-house quality control chlorine meter check and to ensure proper operation of the meters, LTS Environmental performed a total residual chlorine test with a known value obtained from Sigma-Aldrich Corporation. Results of this test are as follows:

<b>Test Date</b> October 20, 2016		<b>Total Residual Chlorine</b> (EPA Method 330.5)	
LTS meter (SN 041200088375)		<b>0.96 mg/l</b>	
LTS meter (SN 12040E195572)		<b>0.99 mg/l</b>	
Sigma-Aldrich Corporation test sample (Lot #LRAB2313.QC1065-2ml.)			
<b>Acceptance Limits</b>		<b>0.917 – 1.14 mg/l</b>	
Certified Value		1.03 mg/l $\pm$ 0.0157	
LTS Lead Technician: Mike Apple		Method Blank < 0.05 mg/l	

**S.G. Lawry**  
**Environmental Specialist**  
**President, LTS**